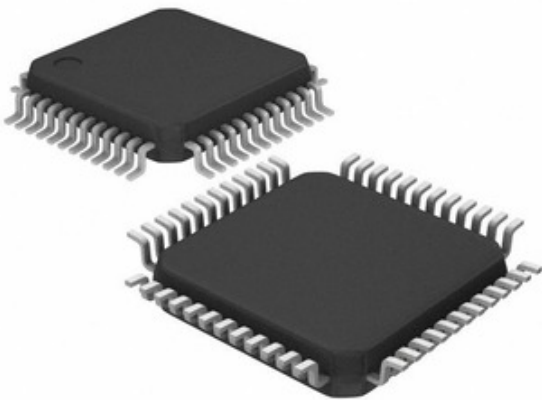




STMicroelectronics



STM32F100C4T6BTR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F100C4T6BTR                                                                                             |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 16KB FLASH 48LQFP                                                                               |
| Datasheets:         | <a href="#">PDF STM32F100C4T6BTR.pdf</a>                                                                     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

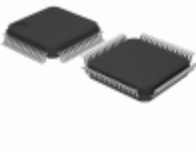
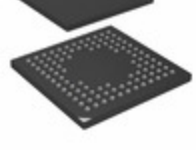
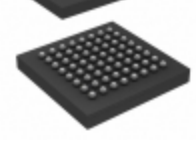
Specifications of STM32F100C4T6BTR

|                                  |                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F100C4T6BTR                                                                           |
| MANUFACTURER                     | STMicroelectronics                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 48LQFP                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                 |
| DATA SHEET                       | <a href="#">PDF STM32F100C4T6BTR.pdf</a>                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                              |
| SPEED                            | 24MHz                                                                                      |
| SERIES                           | STM32F1                                                                                    |
| RAM SIZE                         | 4K x 8                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                      |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                             |
| PERIPHERALS                      | DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                           |
| PACKAGE / CASE                   | 48-LQFP                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                          |
| NUMBER OF I/O                    | 37                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                              |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                 |
| EEPROM SIZE                      | -                                                                                          |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 24MHz 16KB (16K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 10x12b; D/A 2x12b                                                                      |
| CORE SIZE                        | 32-Bit                                                                                     |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                            |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                         |
| BASE PART NUMBER                 | STM32F100                                                                                  |

Related Tags

|                                     |                                     |                                         |
|-------------------------------------|-------------------------------------|-----------------------------------------|
| STMicroelectronics STM32F100C4T6BTR | STM32F100C4T6BTR Distributor        | STM32F100C4T6BTR Supplier               |
| STM32F100C4T6BTR Price              | STM32F100C4T6BTR Pictures           | STM32F100C4T6BTR Image                  |
| STM32F100C4T6BTR PDF Datasheet      | STM32F100C4T6BTR Download Datasheet | STM32F100C4T6BTR Datasheet              |
| STM32F100C4T6BTR Stock              | Buy STM32F100C4T6BTR                | Buy STMicroelectronics STM32F100C4T6BTR |
| STMicroelectronics STM32F100C4T6BTR | STMicroelectronics Supplier         | STMicroelectronics Distributor          |
| STM32F100C4T6BTR                    |                                     |                                         |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F100C8T6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |  <div><b>STM32F100C4T7B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
|  <div><b>STM32F100C6T6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |  <div><b>STM32F100C8T6BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>STM32F098RCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |  <div><b>STM32F100C6T7B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
|  <div><b>STM32F098VCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>STM32F100C6T6BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>STM32F098VCH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |  <div><b>STM32F100C4T6B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
|  <div><b>STM32F098RCY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64WLCSP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>STM32F0DISCOVERY</b><br/>Manufacturers: STMicroelectronics<br/>Description: KIT STM32F0 DISCOVERY<br/>In stock: 287 pcs<br/><a href="#">RFQ</a></div>            |